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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. IV. No. 8 — McKEE PRINT — August, 1956

Production of crude oil and condensate from the oil and gas areas of Montana for the month of August, 1956, averaged 58,870 barrels daily, a decrease of 2,803 barrels from the average July production of 61,673.

The ten refineries in the State processed 69,989 barrels a crude oil daily for the month of August, 1956, an increase of 4,971 barrels daily from the 65,018 barrels processed daily during the month of July.

During August, 57 wells were completed, 24 oil, 2 gas wells and 31 dry holes.

During August, 1956, the Commission issued 62 permits to drill new wells, an increase of 12 from the 50 permits issued during July.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA
MONTH OF AUGUST, 1956

IN STORAGE AUGUST 1st:	
By Producers	317,133
By Transporters	615,272
By Refiners	703,396
TOTAL STORAGE	1,640,801
Produced in Montana During Month	1,824,992
Imported During Month	1,278,284
TOTALS	4,744,077
DISPOSITION:	
Refined in Montana	2,169,684
Exported	919,238
Used for Fuel or Lost	21,319
TOTALS	3,110,241
IN STORAGE AUGUST 31st	
By Producers	323,360
By Transporters	644,428
By Refiners	661,048
TOTAL STORAGE	1,633,836

NATURAL GAS WITHDRAWALS IN MONTANA
Month of August, 1956

Field	M Cu. Ft.
Bears Den	11,718
Bowdoin	36,301
Bowes	27,260
Box Elder	13,972
Cedar Creek	183,799
Cut Bank (Including Reagan)	629,458
Devon	23,616
Dry Creek	167,859
Elk Basin	40,987
Flat Coulee	34,937
Golden Dome	7,164
Hardin	2,941
Keith Block	4,313
Kevin-Sunburst	47,082
Plevna	31,761
Utopia	3,495
Whitlash	56,186
Miscellaneous	22,541
TOTAL	1,345,390

Total Withdrawals for August, 1955, were 1,117,739 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF AUGUST, 1956

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,288	3,888	.....	4,458	.....	718
....	Bannatyne	....	25	.....	.....	.....	.....	25
9	Big Wall	27	7,958	19,265	.....	18,405	1,582	7,236
3	Border	7	.....	546	.....	546	.....	.....
10	Bowes	74	5,714	28,157	28,045	.....	.....	5,826
....	Brady-Midway	....	.....	.....	.....	.....	.....	.....
5	Bredette	5	6,802	11,459	10,053	.....	.....	8,208
2	Brorson	3	1,942	2,857	2,703	.....	.....	2,096
2	Bynum	2	511	307	.....	140	.....	678
1	Cabin Creek	25	7,039	147,042	143,185	.....	2,437	8,459
28	Cat Creek	89	5,086	13,228	13,966	.....	.....	4,348
2	Clark's Fork	2	1,022	10,234	.....	9,410	.....	1,846
2	Cupton	2	975	2,264	1,563	.....	19	1,657
335	Cut Bank	1,089	118,004	227,333	232,640	.....	60	112,637
3	Deer Creek	5	2,090	9,661	9,450	.....	.....	2,301
1	Devil's Basin	2	436	145	.....	.....	.....	581
6	Dry Creek	6	1,655	11,911	12,437	.....	.....	1,129
20	Elk Basin	60	9,538	217,514	215,614	.....	.....	11,438
3	Fertile Prairie	3	664	2,789	.....	1,729	.....	1,724
2	Frannie	2	212	1,033	990	.....	.....	255
1	Gage	1	801	181	.....	.....	.....	982
2	Gas City	9	2,007	34,231	33,812	.....	242	2,184
6	Glendive	12	6,069	43,169	43,090	.....	.....	6,148
....	Golden Dome	....	378	.....	.....	.....	.....	378
3	Ivanhoe	6	2,424	30,448	.....	29,821	.....	3,051
208	Kevin-Sunburst	1,398	14,676	89,369	88,776	.....	84	15,185
2	Lake Basin	2	873	372	.....	397	.....	848
1	Little Beaver	4	2,484	12,471	12,484	.....	305	2,166
2	East Little Beaver	2	984	1,855	2,165	.....	.....	674
2	Melstone	5	2,550	5,364	.....	5,612	.....	2,302
3	Mosser*	6	.....	3,627	.....	3,444	.....	183
5	Pennel	11	3,180	36,107	34,849	.....	292	4,146
3	Pine	73	23,443	333,336	327,355	.....	6,013	23,411
69	Pondera	324	8,930	57,206	58,415	.....	.....	7,721
82	East Poplar	87	24,430	221,765	192,909	17,891	240	35,155
4	Northwest Poplar	5	1,802	2,367	420	1,637	.....	2,112
2	Ragged Point	3	406	1,197	.....	883	.....	720
....	Rattlesnake Butte	....	143	.....	.....	.....	25	118
3	Reagan	42	2,917	17,569	17,842	.....	.....	2,644
1	Repeat	1	644	3,585	3,493	.....	.....	736
4	Richey	8	5,083	12,535	12,484	722	.....	4,412
....	Rudyard	....	454	.....	.....	150	269	35
2	Snyder	4	1,430	3,783	.....	3,458	.....	1,755
5	Soap Creek	17	4,718	18,723	.....	17,794	.....	5,647
1	Southwest Richey	3	1,963	5,186	5,266	277	.....	1,606
17	Sumatra	56	17,854	122,898	118,621	6,324	.....	15,807
4	Sweetgrass Hills	4	791	616	.....	664	.....	743
10	Whitlash	25	5,279	10,121	8,248	1,367	.....	5,785
1	Wibaux	1	267	963	.....	476	.....	754
9	Wolf Springs	19	8,062	45,179	.....	43,701	587	8,953
1	Woodrow	1	529	471	458	.....	.....	542
1	Woman's Pocket	2	.....	350	.....	350	.....	.....
1	Yellowstone	1	601	315	.....	621	.....	295
890		3,539	317,133	1,824,992	1,631,333	170,277	12,155	328,360

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1955	15,654,426	42,889	15,526,471	42,538
First Quarter 1956	5,069,931	55,714	5,037,112	55,353
Second Quarter 1956	5,271,571	57,929	5,213,932	57,296
July, 1956	1,911,871	61,673	1,892,160	61,037
August, 1956	1,824,992	58,870	1,801,610	58,116

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage‡	Total Oil in Storage‡
December 31, 1955	298,039	575,486	575,324	1,448,849
March 31, 1956	289,876	576,594	500,893	1,367,363
June 30, 1956	309,591	595,066	548,755	1,453,412
July 31, 1956	317,133	615,272	708,396	1,640,801
August 31, 1956	328,360	644,428	661,048	1,633,836

*Oil Production Includes 1,906 Barrels from Previous Months.
‡Inculdes Wyoming Oil.

TRANSPORTER'S REPORT
MONTH OF AUGUST, 1956

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Trucks			4,458				4,458		
BIG WALL—Trucks			18,405			9,312	9,093		
BORDER—Trucks			546			546			
BOWES—									
Trigood Oil Company	8,354	6,132					7,330		7,156
The Texas Company		21,913					21,913		
	8,354	28,045					29,243		7,156
BRORSON—Sun Oil Company		2,703					2,703		
BYNUM—Trucks			140			140			
CABIN CREEK AND OTHERS*—									
Butte Pipe Line Company	270,318	525,562		302,582	101		806,834		291,527
Shell Pipeline Corp.	2,082	51,061						50,060†	3,083
Trucks			999			999			
	272,400	576,623	999	302,582	101	999	806,834	50,060	294,610
CAT CREEK—									
Continental Pipeline Co.	6,061	9,684			38	8,596			7,111
Wm. Hanlon		4,282				4,282			
	6,061	13,966			38	12,878			7,111
CLARK'S FORK—Trucks			9,410			9,410			
CUT BANK—									
Big West Oil Company		6,986		11,693		18,679			
Darling Gathering System, Inc.	4,565	19,280				16,475			7,370
Phillips Petroleum Company	23,859	45,773		3,122	260	28,657		24,184	19,653
The Texas Pipeline Company	110,689	58,039		50,799	791	112,973		14,864	90,899
Toronto Pipeline Company	27,207	58,890			1,037			56,894	28,166
Union Oil Company	62,210	42,822		30,328	86	84,759			50,515
	228,530	231,790		95,942	2,174	261,543		95,942	196,603
DRY CREEK—Ohio Oil Company	10,760	12,437			103	15,319			7,775
ELK BASIN—Ohio Oil Company		215,614				154,875			60,739
FERTILE PRAIRIE—Trucks			1,729				1,729		
FRANNIE—Ohio Oil Company		990					990		
GLENDIVE, DEER CREEK and WOODROW—									
The Texas Pipeline Company	2,224	52,999			(570)			52,544†	3,249
IVANHOE—Trucks			29,821			19,513	10,308		
KEVIN-SUNBURST									
Big West Oil Company	2,029	38,066				38,084			2,011
Homestake Oil & Gas Company	158	3,701				3,685			174
The Texas Pipeline Company	7,726	45,188		1,818	185	46,709			7,838
Anna Aronow	372	1,850						1,818	404
	10,285	88,805		1,818	185	88,478		1,818	10,427
LAKE BASIN—Trucks			397			397			
MELSTONE—Trucks	3,092		5,612		350	5,088			3,266
MOSSER—Trucks			3,444				3,444		
PONDERA—									
Phillips Petroleum Company	6,235	58,607			1,937	58,800			4,105
POPLAR and BREDETTE—									
East Poplar Gathering System	43,449	201,851			(193)		16,901	199,978†	28,614
Trucks			19,528				19,528		
	43,449	201,851	19,528		(193)		36,429	199,978	28,614
RAGGED POINT—Trucks	792		883		135	883			657
REAGAN—Union Oil Company		17,842				17,842			
RUDYARD—Trucks			150			150			
SNYDER—Trucks			3,458			834	2,624		
SOAP CREEK—Trucks			17,794			13,561	4,233		
SUMATRA—									
Powder River Pipeline Company	18,030	118,621			594	120,008			16,049
Trucks			6,324				6,324		
	18,030	118,621	6,324		594	120,008	6,324		16,049
SWEETGRASS HILLS—Trucks			664			664			
WHITLASH—									
Homestake Oil & Gas Company	1,804	348		7,903		8,802			1,253
Western Natural Gas Company	423	7,900						7,903	420
Trucks			1,367			1,367			
	2,227	8,248	1,367	7,903		10,169		7,903	1,673
WIBAUX—Trucks			476				476		
WOLF SPRINGS—Trucks	2,833		43,701			44,140			2,394
WOMEN'S POCKET—Trucks			350				350		
YELLOWSTONE—Trucks			621			621			
TOTALS	615,272	1,629,141	170,277	408,245	4,854	846,170	919,238	408,245	644,428

*Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and S. W. Richey Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF AUGUST, 1956

Fields	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Big Wall	.....	.....	.....	.....	10,731	.....	.....	.....	.....	.....	10,731
Border	.....	.....	.....	.....	.....	.....	.....	1,275	.....	.....	1,275
Bowes	.....	.....	.....	18,591	.....	.....	.....	.....	.....	.....	18,591
Bynum	.....	.....	.....	.....	.....	.....	140	.....	.....	.....	140
Cat Creek	.....	.....	8,646	.....	.....	4,308	.....	.....	.....	.....	12,954
Clark's Fork	.....	.....	.....	.....	10,115	.....	.....	.....	.....	.....	10,115
Cut Bank	18,632	.....	.....	.....	.....	.....	26,111	84,014	.....	88,662	217,469
Dry Creek	.....	.....	.....	.....	14,859	.....	.....	.....	.....	.....	14,859
Elk Basin	.....	107,097	47,778	.....	.....	.....	.....	.....	.....	.....	154,875
Gage	.....	.....	.....	.....	492	.....	.....	.....	.....	.....	492
Ivanhoe	.....	.....	.....	.....	11,737	.....	.....	.....	.....	8,639	20,376
Kevin-Sunburst	30,885	.....	.....	.....	.....	.....	.....	96,322	.....	.....	127,207
Lake Basin	.....	.....	.....	.....	393	.....	.....	.....	.....	.....	393
Melstone	.....	.....	.....	.....	.....	4,634	.....	.....	.....	.....	4,634
Pondera	.....	.....	.....	.....	.....	.....	61,855	.....	.....	.....	61,855
Ragged Point	.....	.....	.....	.....	761	.....	.....	.....	.....	.....	761
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,144	17,144
Richey	.....	.....	.....	.....	.....	.....	.....	7,967	.....	.....	7,967
Rudyard	.....	.....	.....	150	.....	.....	.....	.....	.....	.....	150
Snyder	.....	.....	.....	.....	.....	.....	.....	.....	834	.....	834
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	15,181	.....	15,181
Sumatra	.....	.....	524	.....	141,451	.....	.....	.....	.....	.....	141,975
Sweetgrass Hills	664	.....	.....	.....	.....	.....	.....	.....	.....	.....	664
Whitlash	.....	.....	.....	.....	.....	.....	.....	3,272	.....	1,367	4,639
Wolf Springs	.....	35,432	.....	.....	.....	.....	3,206	.....	.....	.....	38,638
Yellowstone	.....	.....	.....	.....	461	.....	.....	.....	.....	.....	461
Total Montana Oil	50,231	142,529	56,948	18,741	191,000	8,942	91,312	192,850	16,015	115,312	884,380
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	717	.....	.....	6,303	7,020
Wyoming Oil Imported	.....	646,832	268,723	.....	361,653	1,076	.....	.....	.....	.....	1,278,284
TOTAL Montana, Canadian and Wyoming Oil	50,231	789,361	325,671	18,741	552,653	10,018	92,029	192,850	16,015	122,115	2,169,684

AVERAGE BARRELS PER DAY

	Montana	Canada	South Dakota	Wyoming	TOTAL
Year, 1955	27,008	....	35	30,714	57,757
August, 1955	32,923	....	....	35,527	68,450
August, 1956	28,528	226	....	41,235	69,989

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	South Dakota	Wyoming
46.76%	.....	.06%	53.18%
48.10%	.....	.....	51.90%
40.76%	.32%	.....	58.92%